

FIG. 1

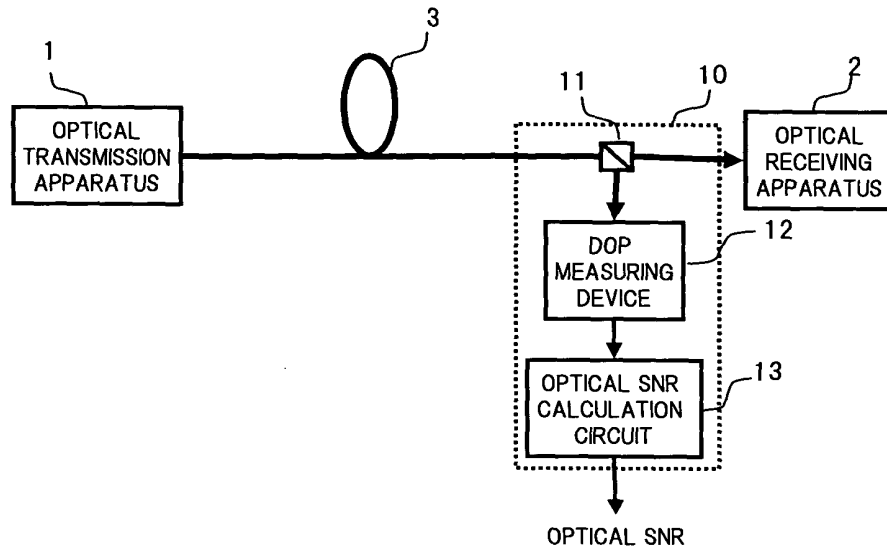


FIG. 2

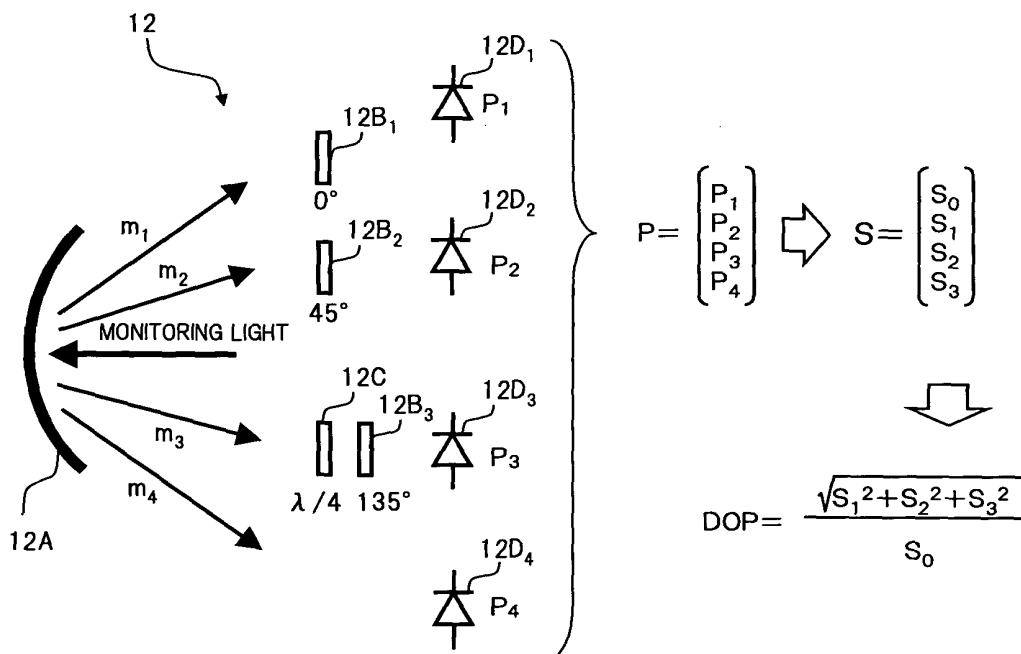


FIG.3

EXAMPLE OF TRANSMITTED LIGHT
IN TYPICAL OPTICAL TRANSMISSION SYSTEM

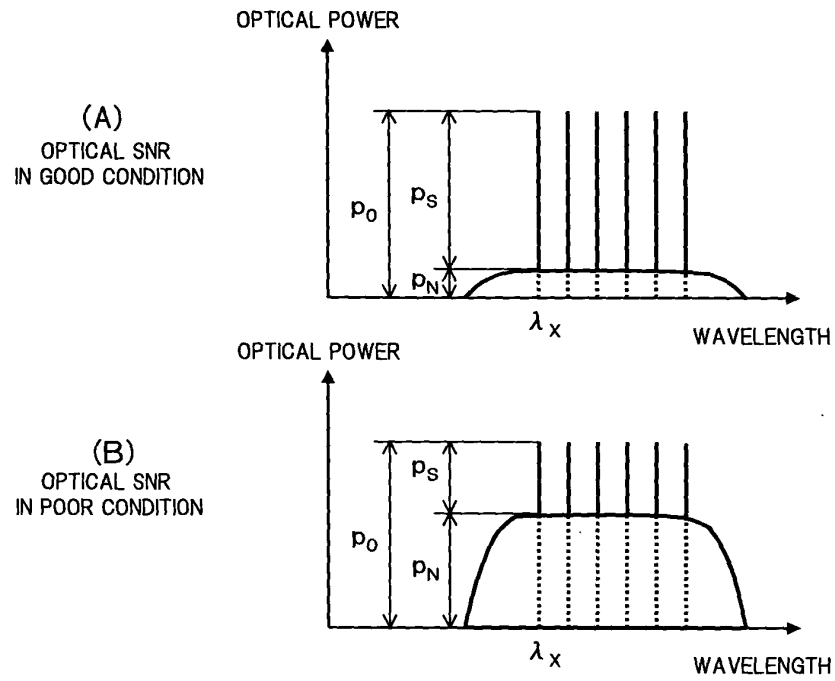


FIG.4

EXAMPLE OF DOP DETERIORATION WITH TIME
IN TYPICAL OPTICAL TRANSMISSION SYSTEM

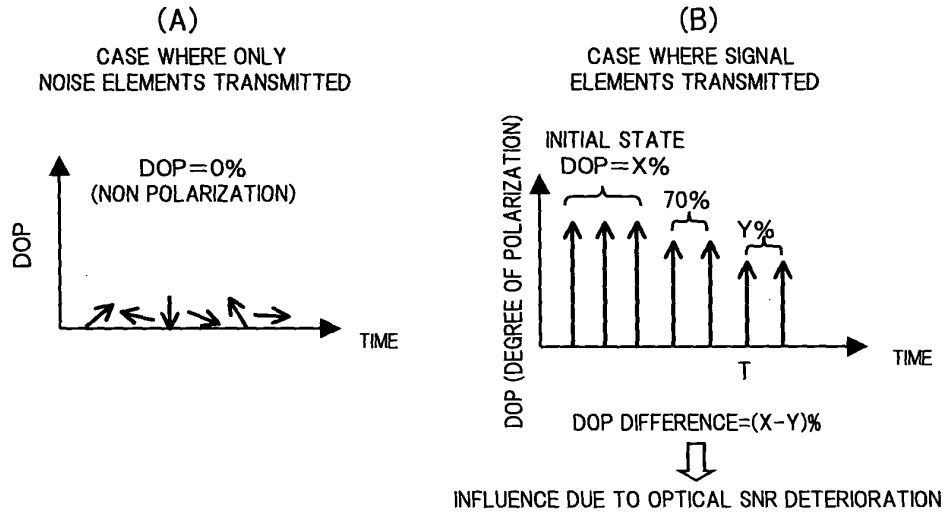


FIG.5

EXAMPLE OF DOP DETERIORATION WITH TIME
IN TYPICAL OPTICAL TRANSMISSION SYSTEM

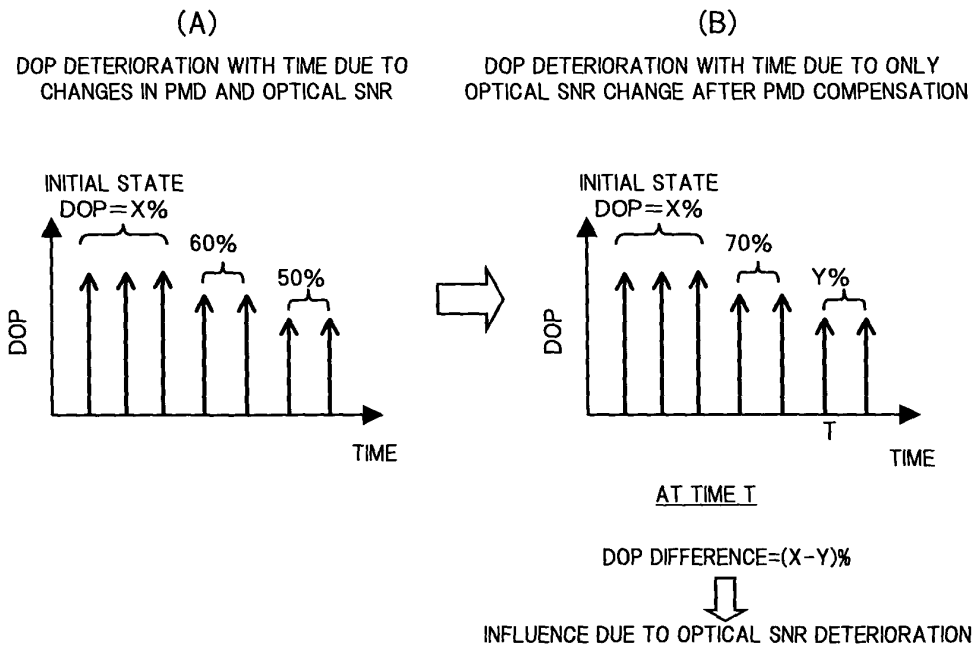


FIG. 6

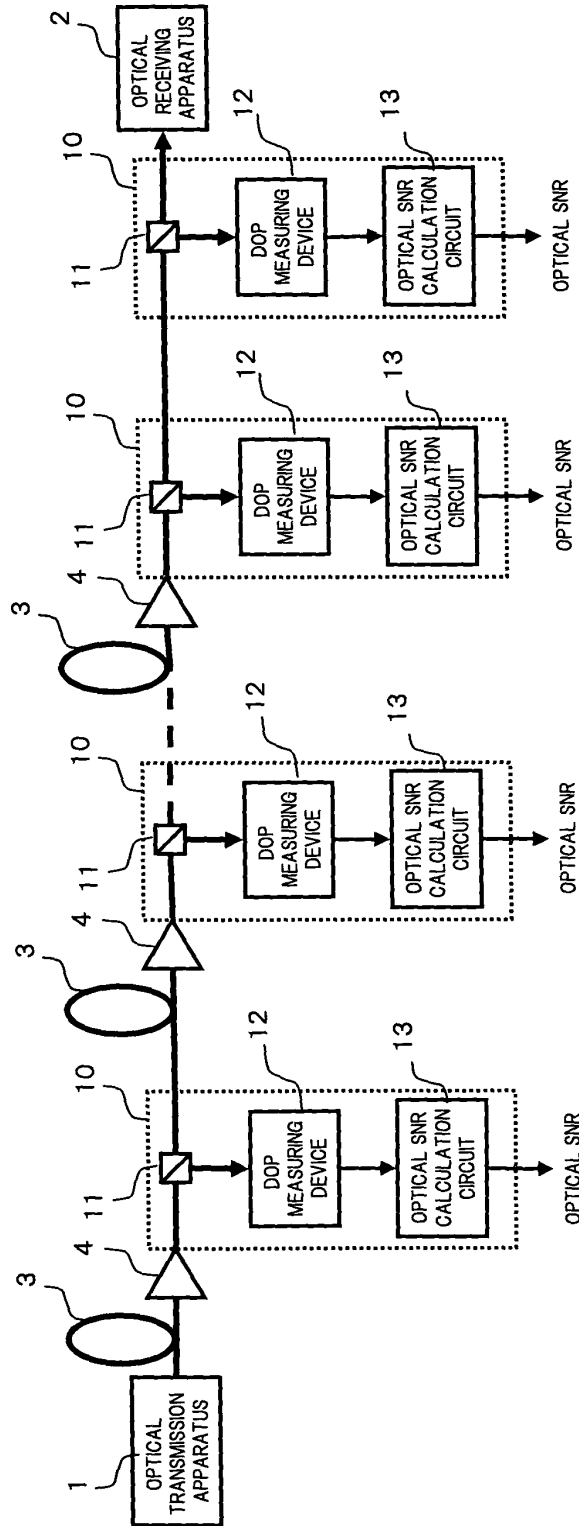


FIG. 7

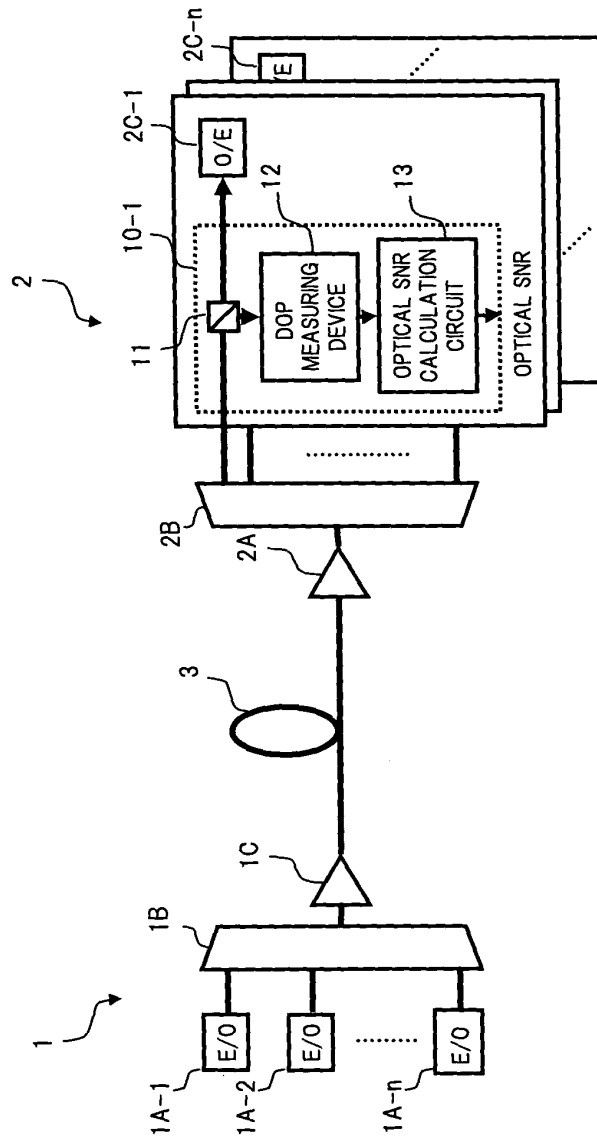


FIG.8

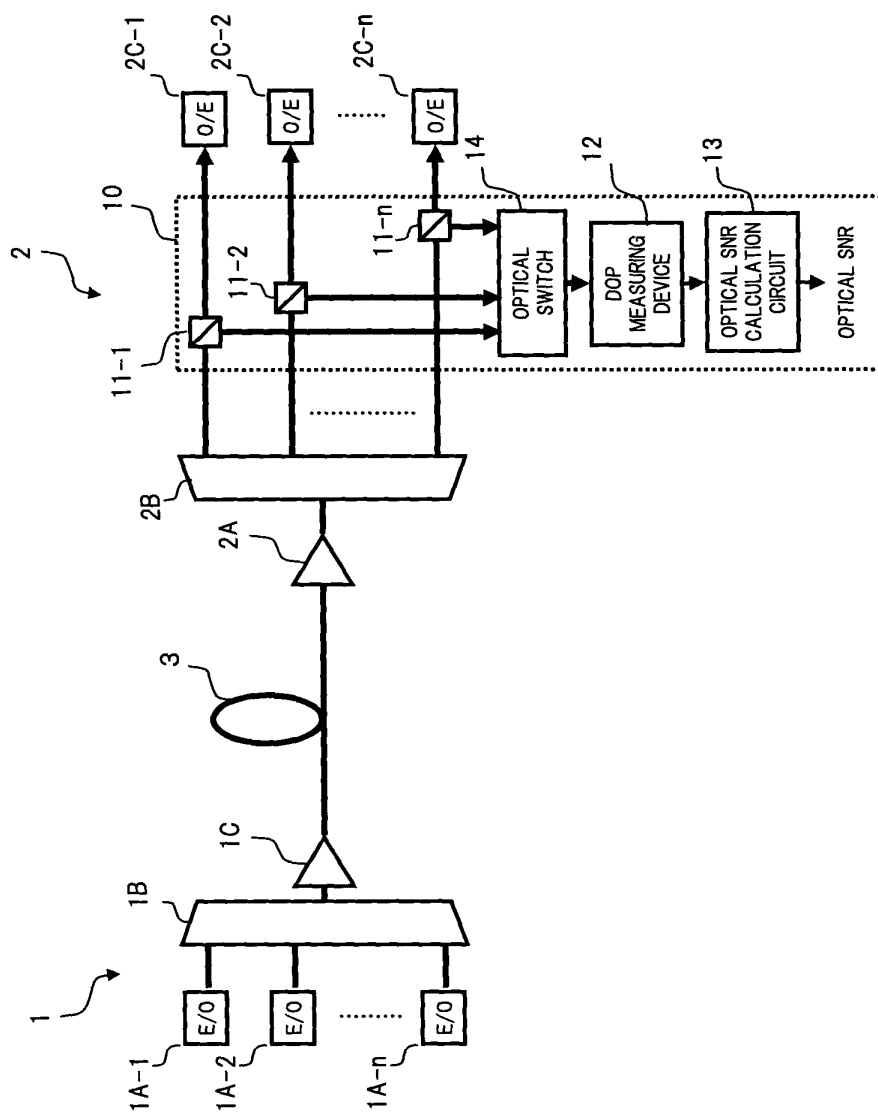


FIG. 9

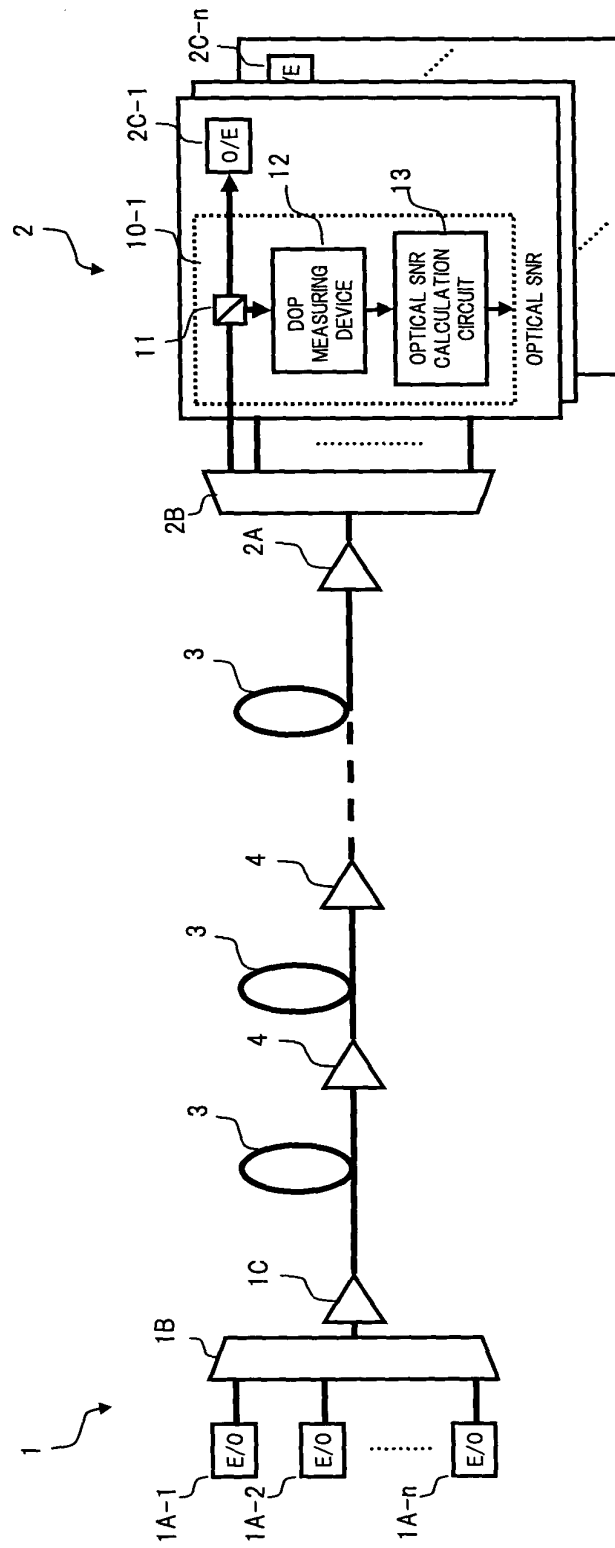
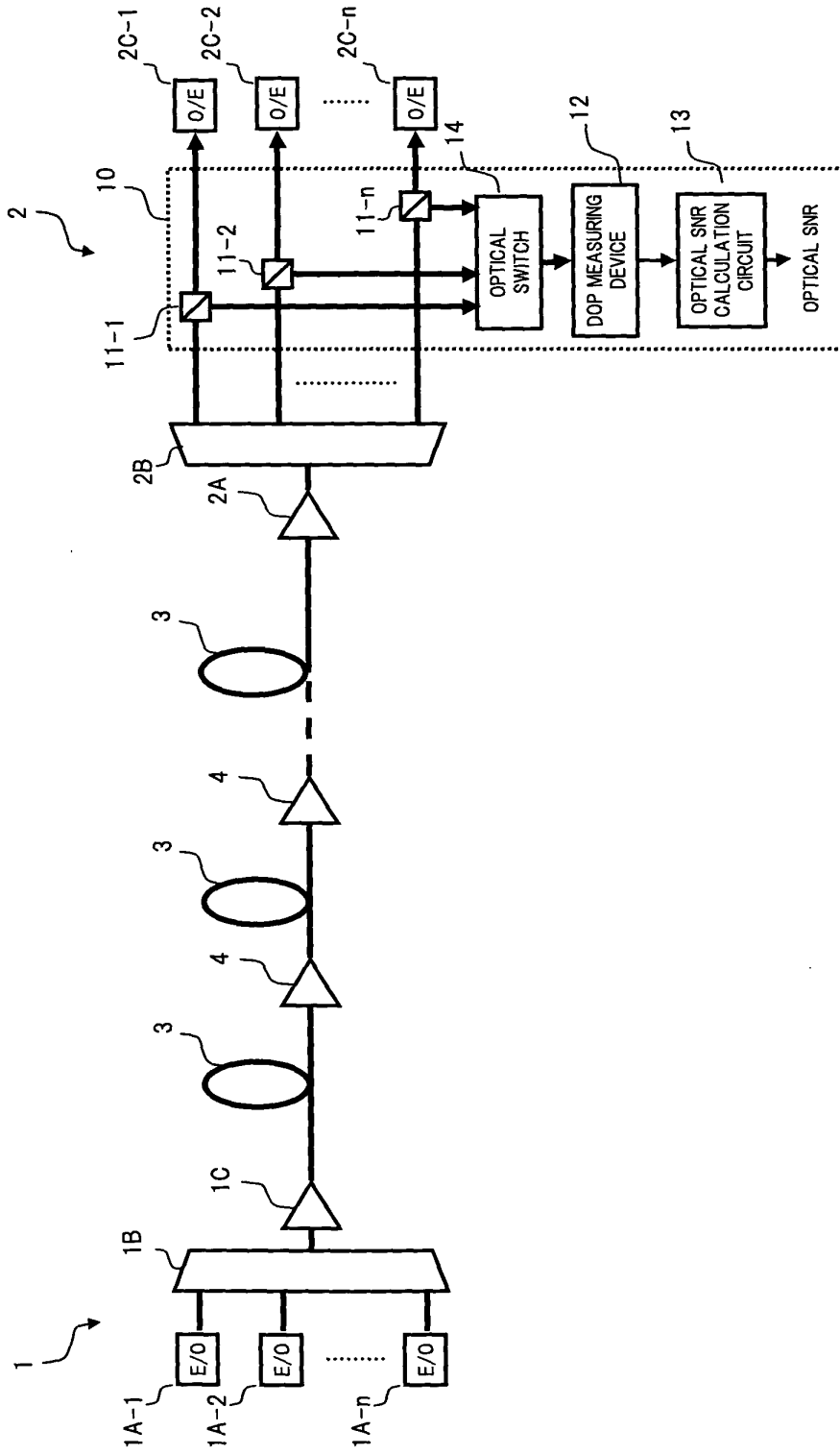


FIG.10



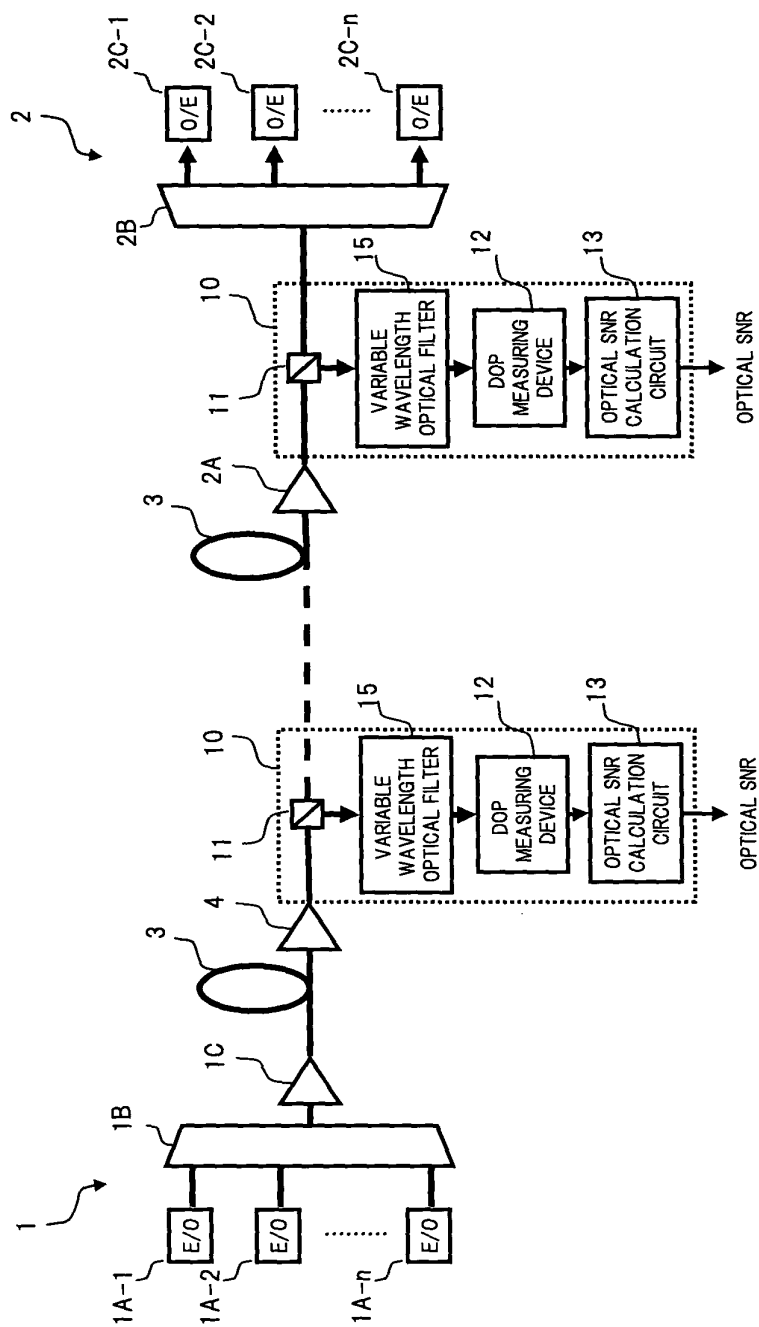


FIG. 12

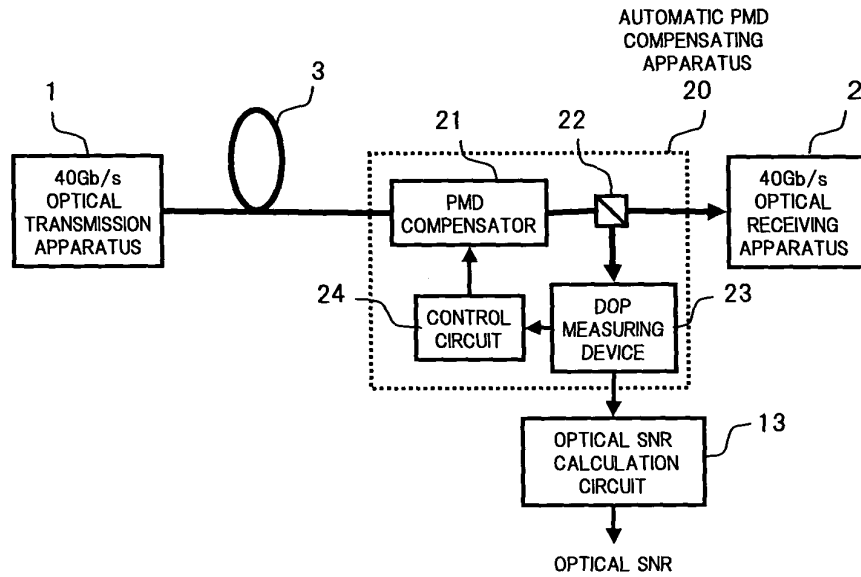


FIG. 13

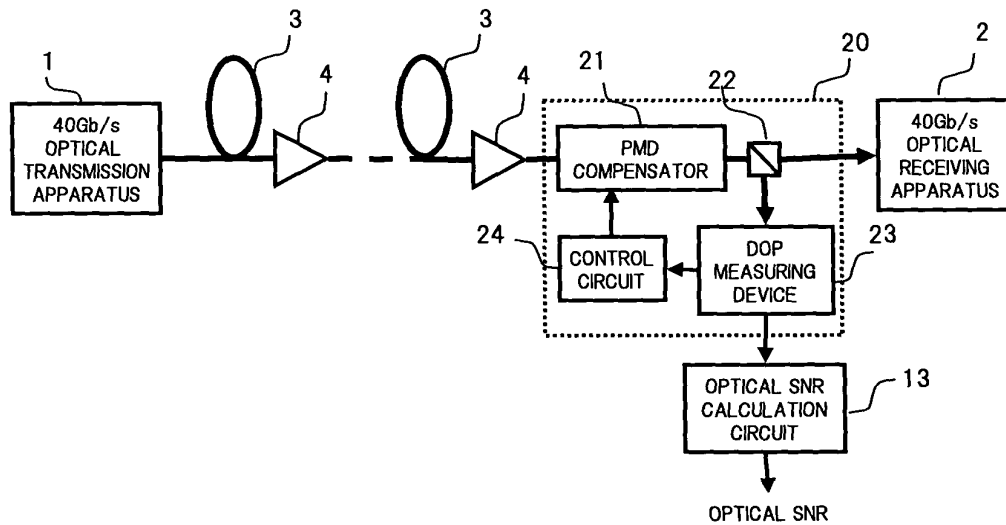


FIG. 14

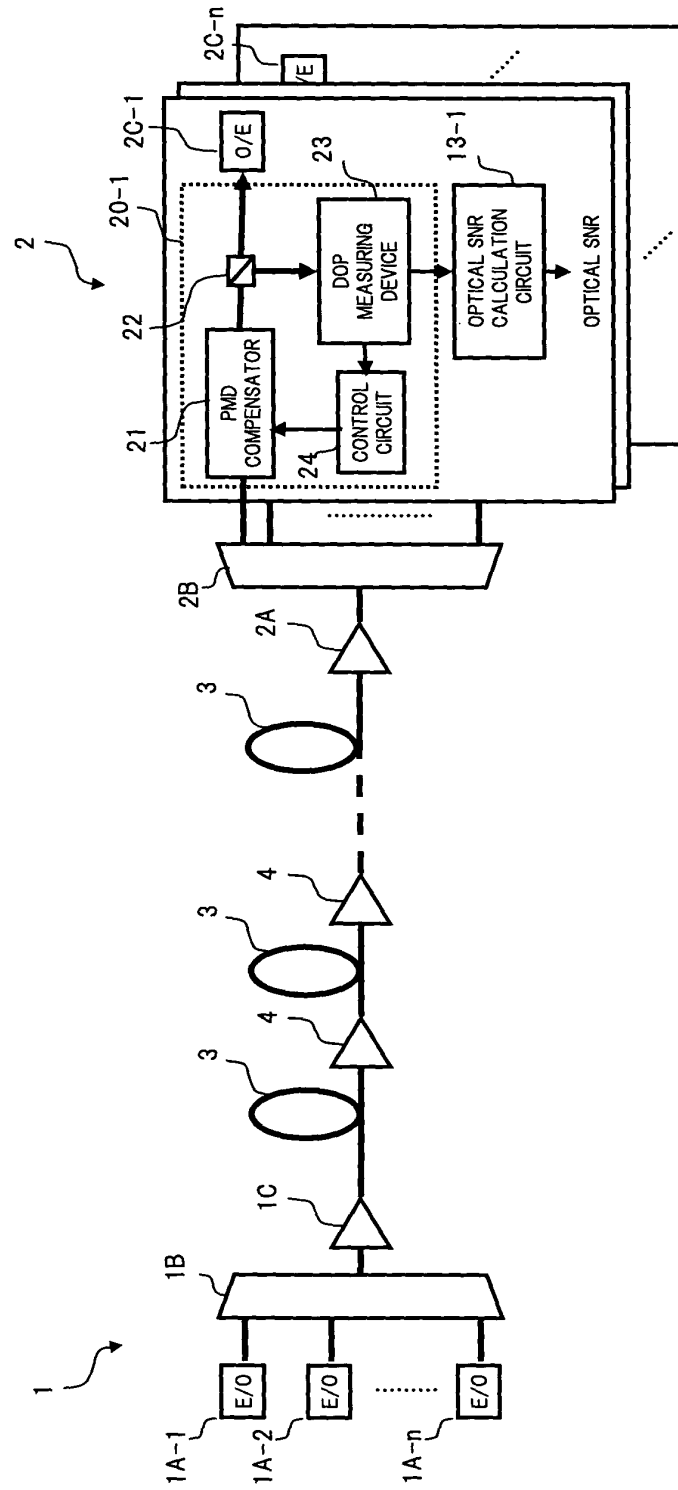


FIG. 15

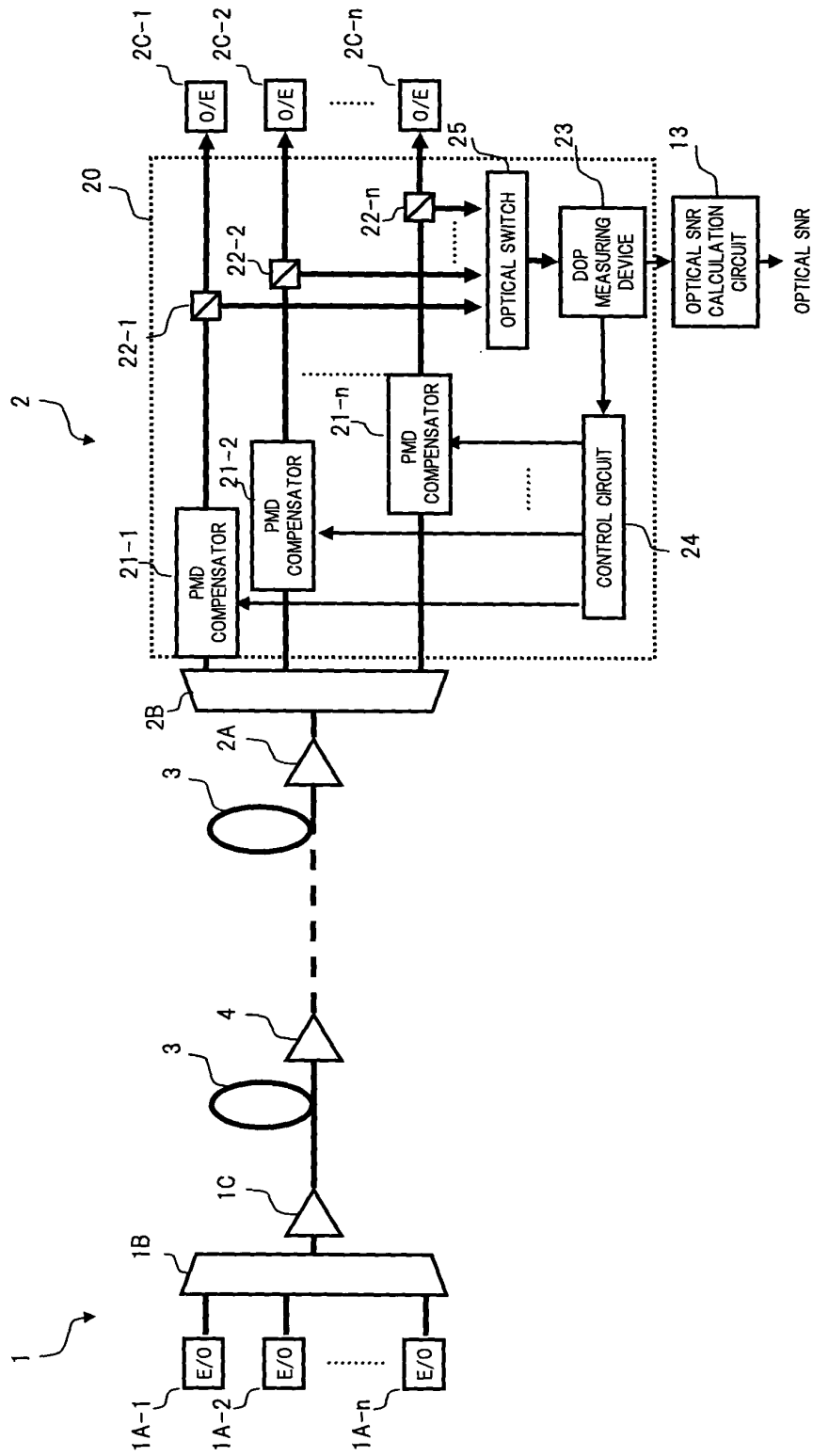
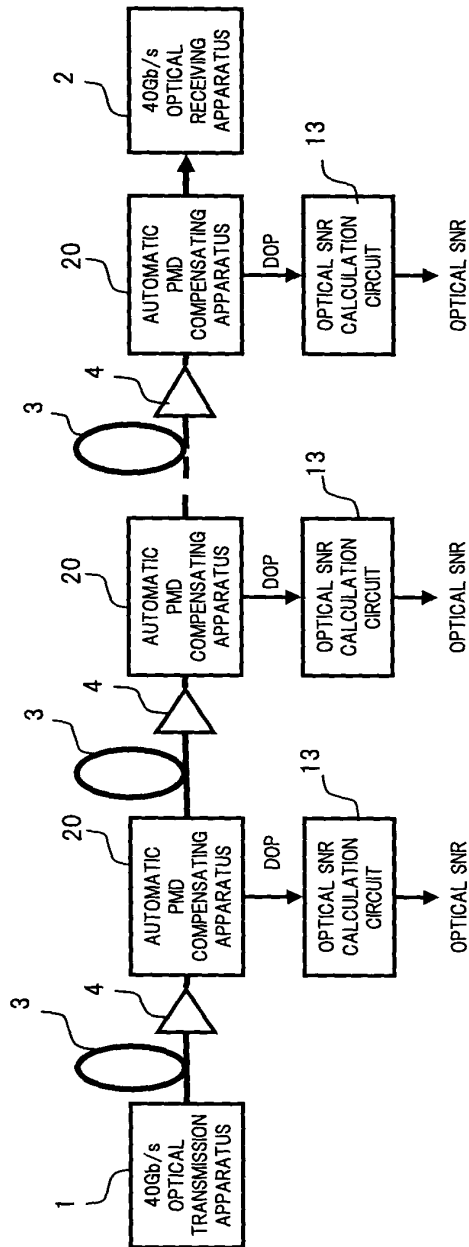


FIG. 16



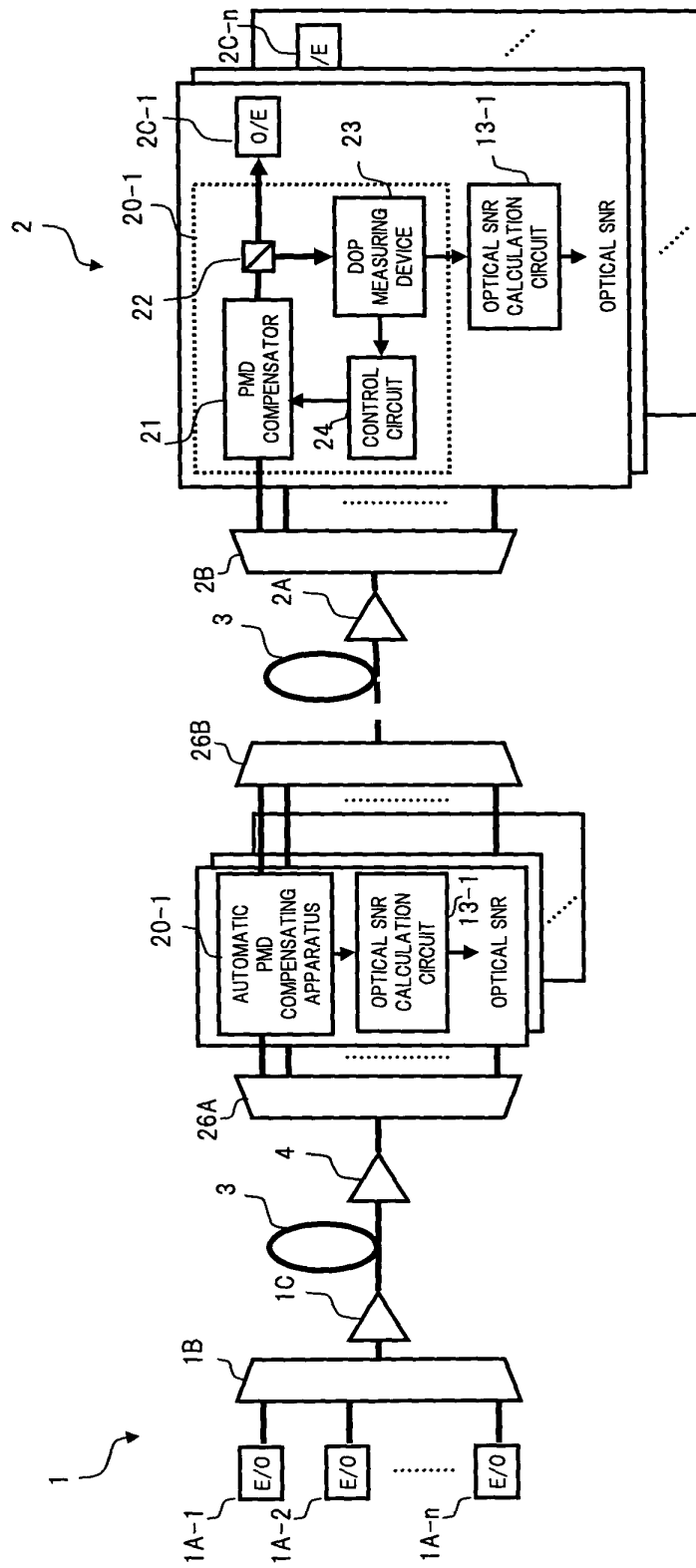
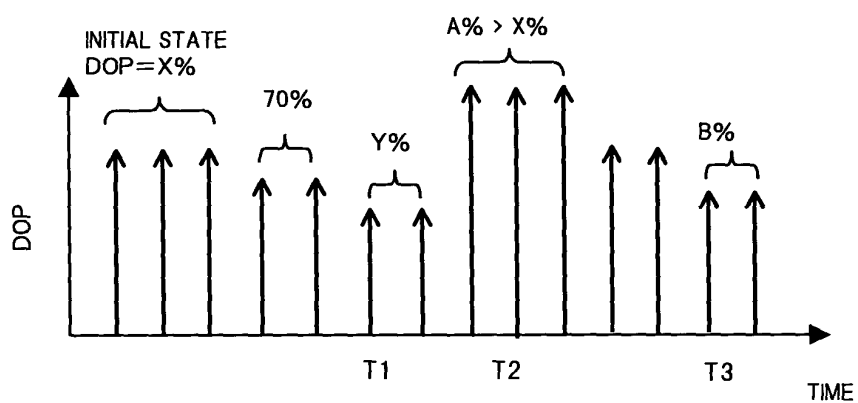


FIG.18



<TIME T1>

DOP DIFFERENCE=(X-Y)%
IS INFLUENCED DUE TO
OPTICAL SNR
DETERIORATION



<TIME T2>

IF DOP=A%>X%,
THEN INITIALIZE A%



< TIME T3>

DOP DIFFERENCE=(A-B)%
IS INFLUENCED DUE TO
OPTICAL SNR
DETERIORATION

FIG. 19

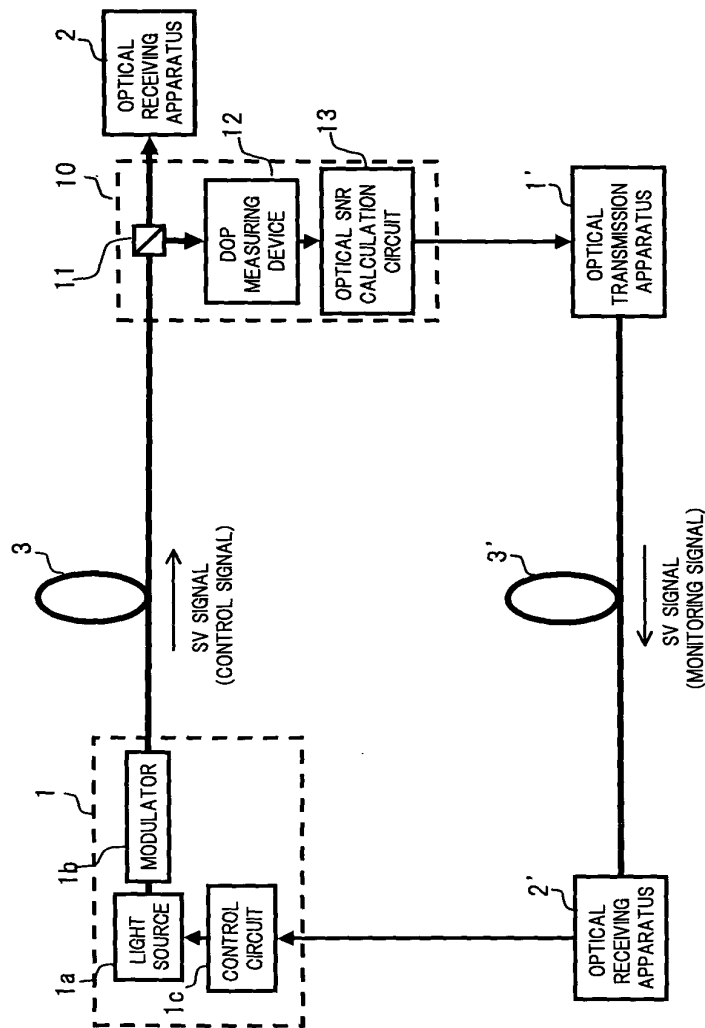


FIG.20

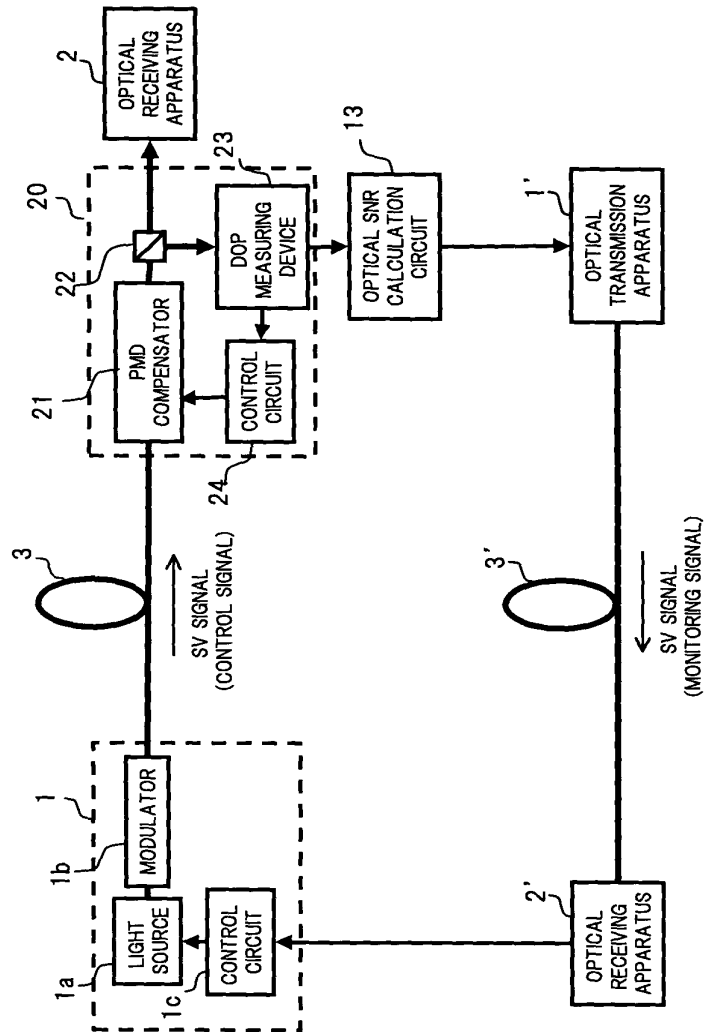


FIG. 21

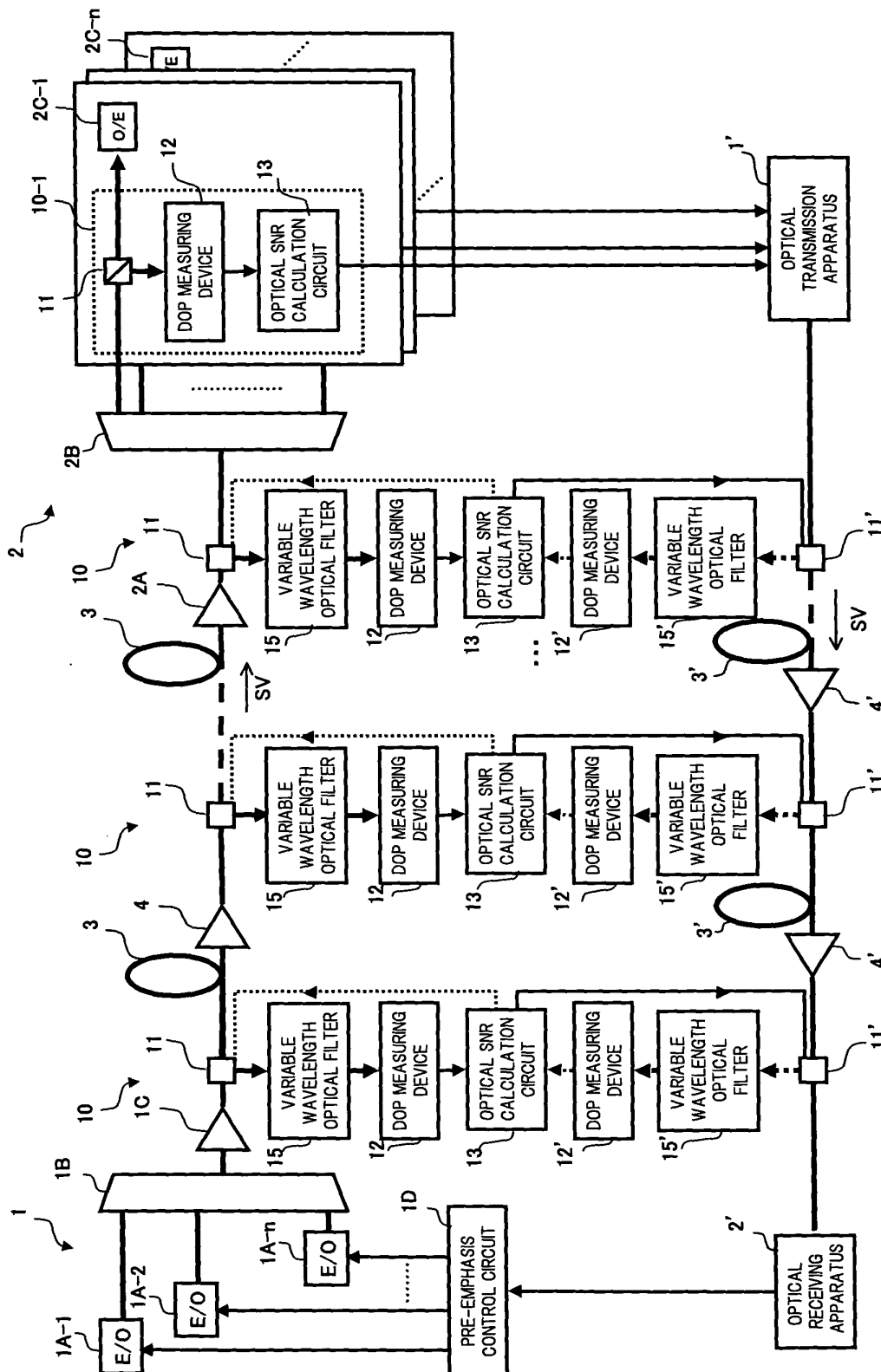
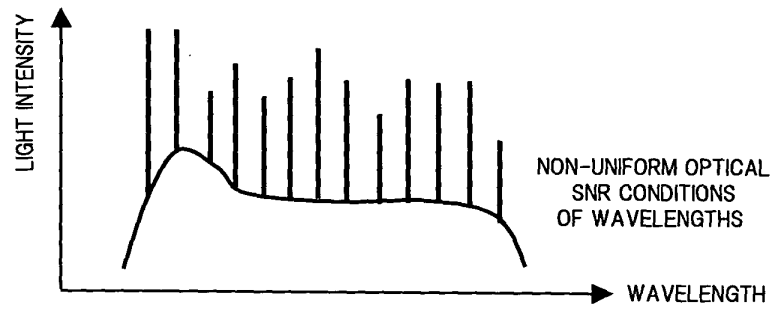


FIG.22



PRE-EMPHASIS CONTROL

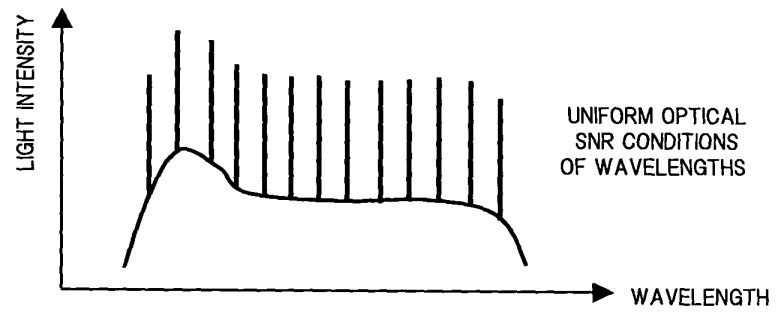
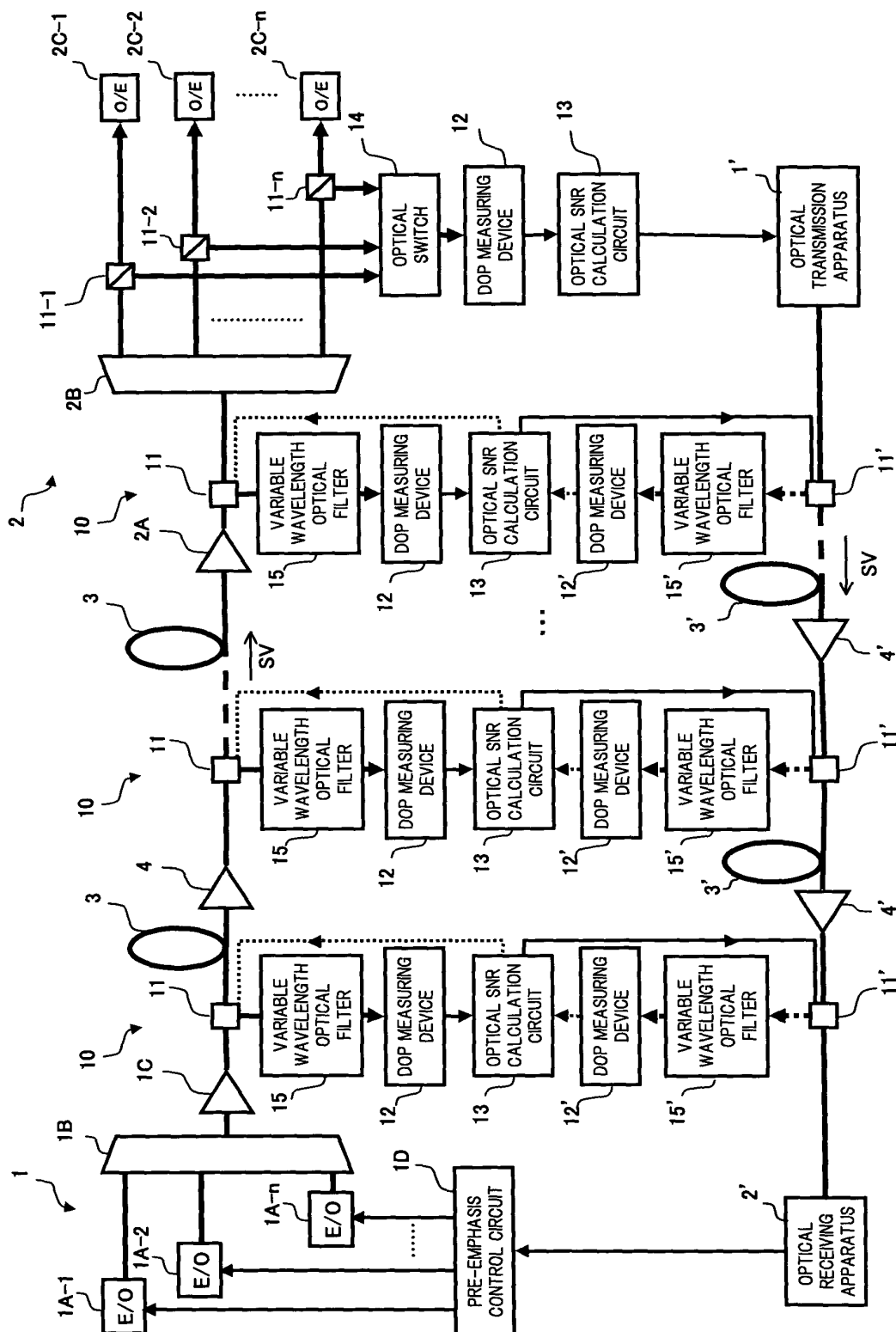
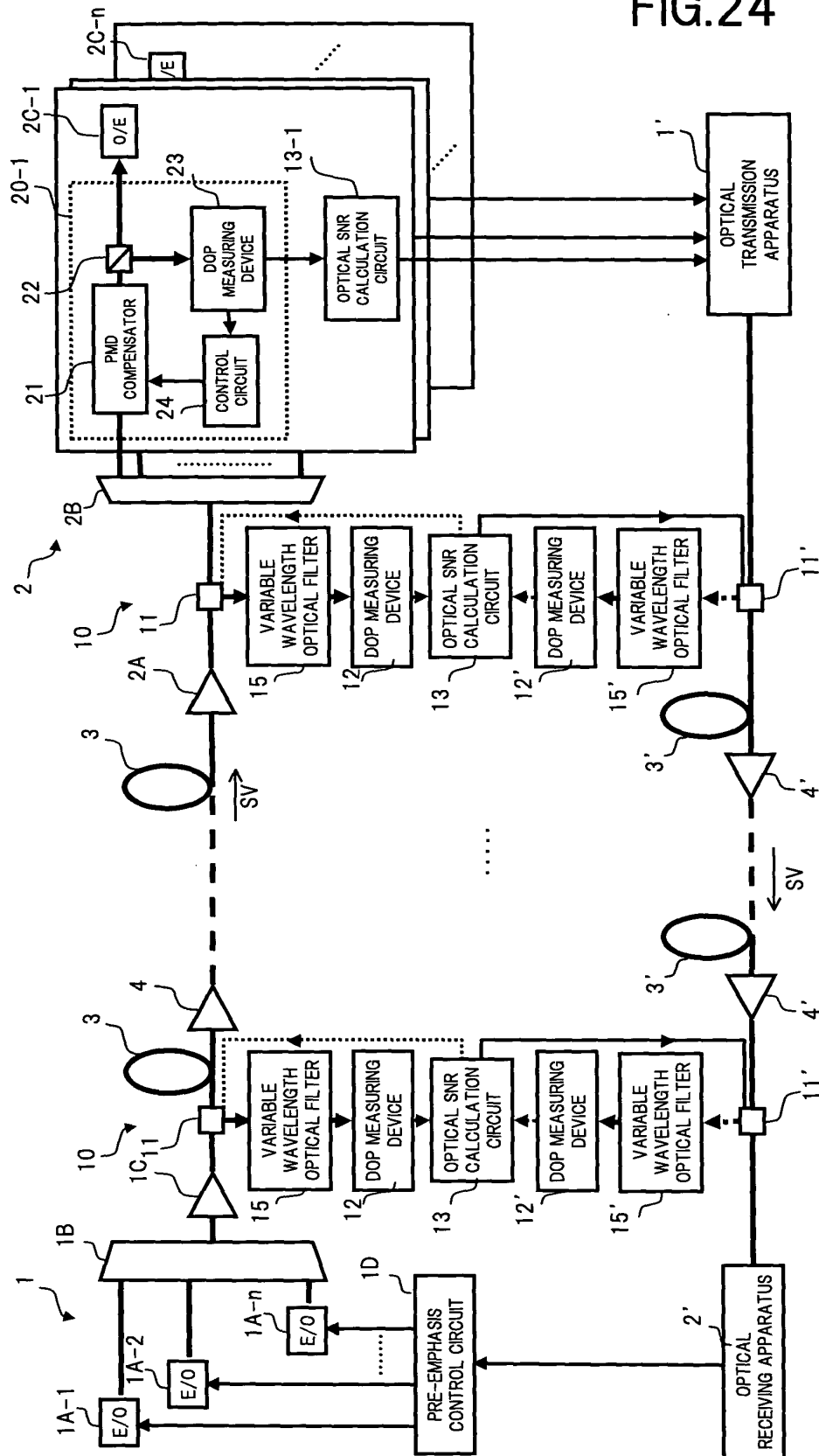


FIG. 23





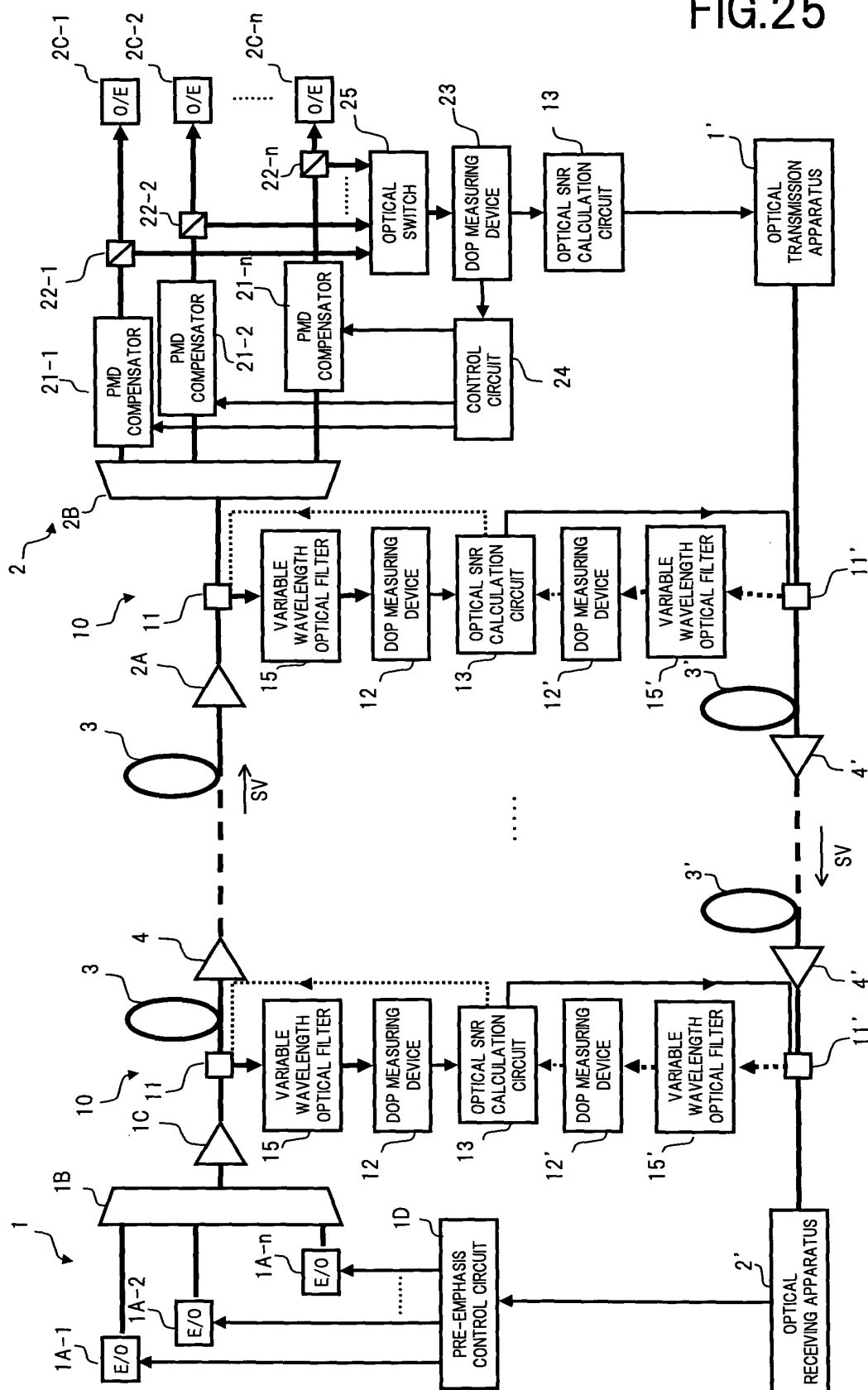


FIG.26

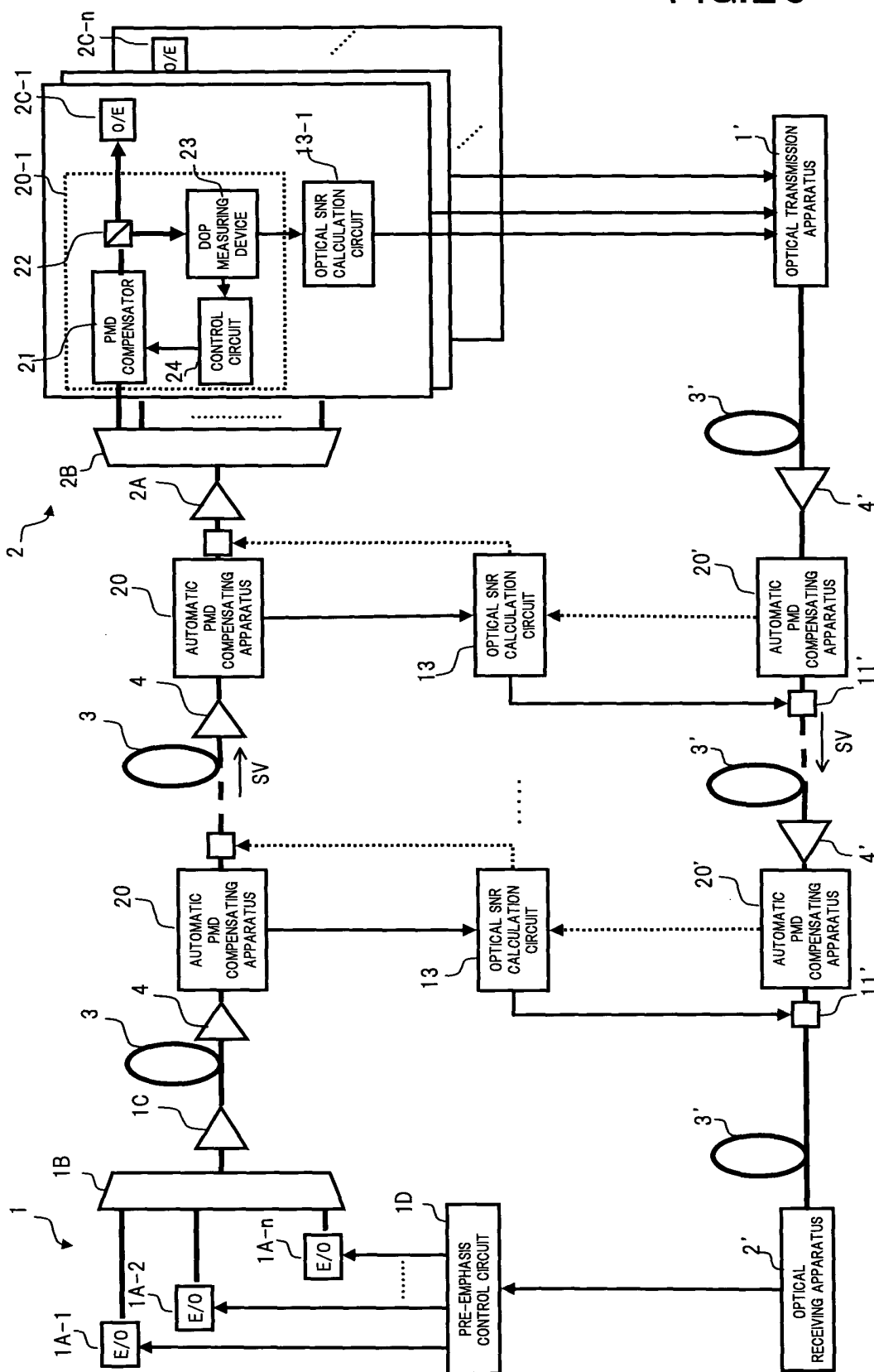


FIG.27

